

VARIABLE HEAVY DOMAIN

		10	20	30	40
2C4		EVQLQSGPELVKFTSVKISKAS	[GFTFDYTD]	WVKQS	*
		**	*	***	*
574		EVQLVESGGGLVQPGGSLRLSCAAS	[GFTFDYTD]	WVROA	*
			**	*	*
hum III		EVQLVESGGGLVQPGGSLRLSCAAS	[GFTFSYAMS]	WVROA	
		50	a	60	70
2C4		HGKSIEMIG	[DVNPNSSGSIYNQREK]	KASLTVDSSRIYVM	80
		*	*	***	*
				***	*
574		PGKLEWVA	[DVNPNSSGSIYNQREK]	RFTLSVDRSKNTLYL	
			*****	***	*
				*	*
hum III		PGKLEWVA	[VISGGGSIYADSVKG]	RFTISRDNSKNTLYL	
		abc	90	100ab	110
2C4		EIRSLTFEDTAVYYCAR	[NLGFSFYFDY]	WGQGTTLTVSS	
		***	**	*	
574		QMSIRAEADTAVYYCAR	[NLGFSFYFDY]	WGQGTTLTVSS	

hum III		QMSIRAEADTAVYYCAR	[GRVGYSLYDY]	WGQGTTLTVSS	

FIG. 1

Variable Light Domain

	10	20	30	40
2C4	DTVMTQSHKINSTVGDRVSTC	[KASQDWSIGVA]	WYQQR	*
	**	****	*	
574	DIQMTQSPSSLSASVGDRVTTC	[KASQDWSIGVA]	WYQQR	*
		*	**	***
hum KI	DIQMTQSPSSLSASVGDRVTTC	[KASQDWSIGVA]	WYQQR	
	50	60	70	80
2C4	GQSPKLLIY [SASYRYT]	GVPDRFTGSGGTDFTFTISVQA	*	*
	**	*	*	
574	GKAPKLLIY [SASYRYT]	GVPDRFTGSGGTDFTFTISLQ		
		*	****	
hum KI	GKAPKLLIY [AASSLES]	GVPDRFTGSGGTDFTFTISLQ		
	90	100		
2C4	EDLAVYYC [QQYIYPT]	FGGKTKLEIKRT	*	*
	*	*	*	
574	EDFATYYC [QQYIYPT]	FGGKTKLEIKRT		
	***	*		
hum KI	EDFATYYC [QQYNSLPWT]	FGGKTKLEIKRT		

FIG. 2

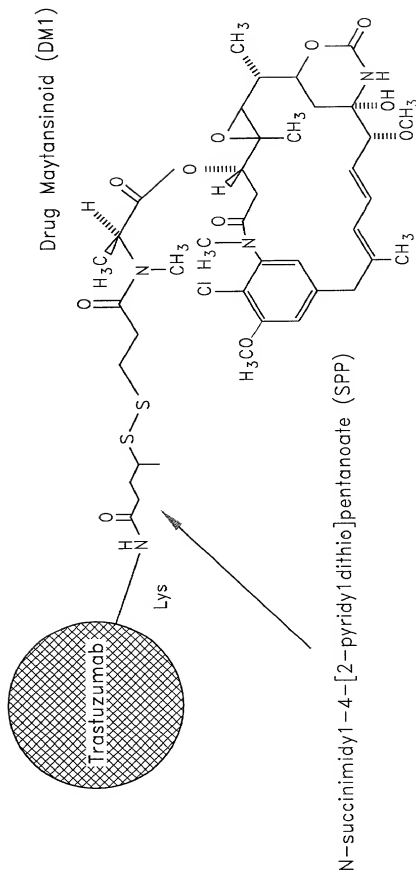


FIG. 4

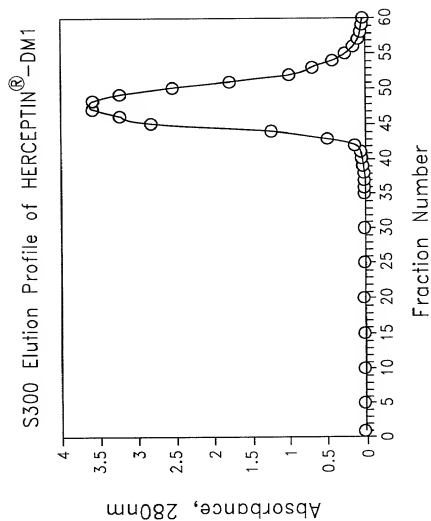


FIG. 5

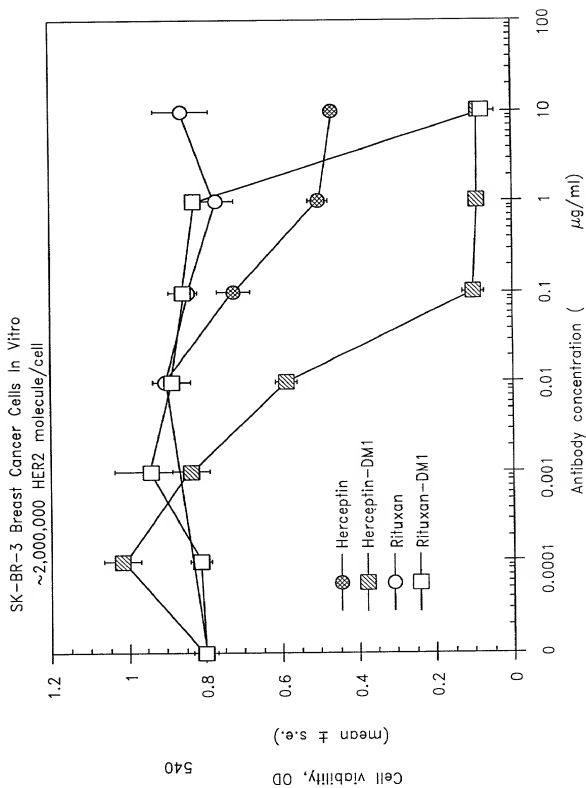


FIG. 6

[illegible][illegible][illegible]

FIG. 7A

[illegible]

FIG. 7B

[illegible]

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501 CACCTATTGG TTTTACTGAC ATCCACTTTG CTTTCTCTTC CACAGGTGTC CTCCTCCACG TTCAATTACA GCTTTTACG GCGCGTAGC TTGATATCGA
GTGGATAACC AGAATGACTG TAGTGTAAC GTGTCCACAG GTGTCCACAG ATGTTTAATG CGAAGATTGC CCGGGTGCTG AACTATAGCT
^end of chimeric intron at pCI 989
end of BS insert at hindIII^

[illegible]

start of human HER2 from BS at xhol

[illegible]

FIG. 7G

301 GCTTGCACAC CTGTCTCC GATGTGTAG GGTCCCGCT GCTGGGGAGA GAGTCTGAG GATCTCAGA CCTCTACGG CACTCTCTGT GCGGTGAGT
CGACGCTGG GGACAGAGG CTACATTC CGAGGGCGA CGACCCCTCT CTCAGACTC CAGACGTCT CGGACTGGC GTGACAGCA GGGCACGGA
191 A C H P C S P M C K G S R C W G E S S E D C Q S L T R T V C A G G C

301 GCTTGCACAC CTGTCTCC GATGTGTAG GGTCCCGCT GCTGGGGAGA GAGTCTGAG GATCTCAGA CCTCTACGG CACTCTCTGT GCGGTGAGT
CGACGCTGG GGACAGAGG CTACATTC CGAGGGCGA CGACCCCTCT CTCAGACTC CAGACGTCT CGGACTGGC GTGACAGCA GGGCACGGA
191 A C H P C S P M C K G S R C W G E S S E D C Q S L T R T V C A G G C

FIG. 7H

[illegible][illegible]

FIG. 7I

xcmI sau3AI scrFI sau96I
 scrFI mvaI avall
 mvaI dpaII asuI
 ecorII dpaI sandI
 dsav bstNI ppuMI
 bstNI fnu4HI/bsoFI nlaIV
 bseKI bglII nlaIV
 apyI mspI ecoO109I/draII
 mboI nlaIV bsmFI mmlI tspRI tsprI
 801 CAGTGCAGAT ATCCAGGAGT TTGCTGGTG CCAAGAGATC TTGCGAGGC TTGATGGGG ACCGAGCTC CACACTGCC
 GTCACGGTTA TAGCTCTCTCA AACGACCGAC GTTCTTCTAG AAACCTCTCG AGCCTTCTCG CCGCTTCTCG TTGATGGGG GTTGTGACGG
 358 S A N I Q E F A G C K K I F G S L A F L P E S F D G D P A S N T A
 bsmI pleI mboI/ndeII mspI hpaII aluI bsmFI ddeI bpuI
 barBI fnu4HI/bsoFI dpaII haeIII/paII hpaII
 acII mmoI bsmAI earI/bsp32I maeIII eaeI mmlI bbsI
 901 CCGCTCCAGC CAGACAGCT CCAAGTGTGT GAGATCTGCG AAGATCTC AGGTACTCTA TACATCTCAG CATGGCCGGA CAGCTGCTC CACTCAGCG
 GCGAGGTG GTCTGTGGA GPTTCACAA CTCTGAGAC TTCTTAGT TCCATAGAT ATGTAGATC GTCACGGCT GTGACGGA CTGAGTGGC
 391 P L Q P E Q L Q V E T L E E I T G Y L Y I S A W P D S L P D L S V
 alwNI alw26I/bsmAI bsmFI hinPI hhaI/cfoI nlaIV
 bspMI bsaJI bsaKI nari kasi hinII/acyI
 mboII bssKI cauII eheI hgiCI haeII
 001 TCTTCAGCA CTTGCAAGTA ATCCGGGGAC GAATTCGCA CAATGGCGC TACTGCTGA CCTTCAGG GCTGGGCATC AGCTGGCTGG GCCTGGGCTC
 AGAGGGTCTT GGAGCTCAT TGGCCCTTG GTTACAGCT GTTACCGGG ATGAGCAT GGAAGTTC GGACCGTAG TCAGCCGACC CGAGCCGAGG
 425 F Q N L Q V I R G R I L H N G A Y S L T L Q G L G I S W L G L R S

FIG. 7J

sau96I

avaI

asuI

nlaIV

scrFI

mvaI

draIII

mwOI

bspl286

bsmFI

bstAPI

bmyI

ecoRII

hgiAI/aspHI

dsav

bspl286

nlaIV

bstNI

bsiHKA1

hgiCI

bssKI

bmyI

banI

bsaAI

apaLI/snoI

apvI

alv4II/snoI

bsyII

alul

nlaIV

acil

3

101

ACTGAGGGA

CTGGGCHG

GACTGGCCT

CATCCACCAT

TACTGCTCT

GTGAGGGS

CCTGGGACC

AGCTTTTC

GAACCCAC

458

TAATCTCCT

GAACCTGAC

CTGACCGGA

GTAGGTGTA

TTGTGGTGG

AGACAGACA

CTGTGGCAC

GGACCTCTG

GGACCTCTG

GGACCTCTG

GGACCTCTG

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GGACCTCTG

sau96I

avaI

asuI

nlaIV

scrFI

mvaI

draIII

mwOI

bspl286

bsmFI

bstAPI

bmyI

ecoRII

hgiAI/aspHI

dsav

bspl286

nlaIV

bstNI

bsiHKA1

hgiCI

bssKI

bmyI

banI

bsaAI

apaLI/snoI

apvI

alv4II/snoI

bsyII

alul

nlaIV

acil

3

101

ACTGAGGGA

CTGGGCHG

GACTGGCCT

CATCCACCAT

TACTGCTCT

GTGAGGGS

CCTGGGACC

AGCTTTTC

GAACCCAC

458

TAATCTCCT

GAACCTGAC

CTGACCGGA

GTAGGTGTA

TTGTGGTGG

AGACAGACA

CTGTGGCAC

GGACCTCTG

GGACCTCTG

GGACCTCTG

GGACCTCTG

GGACCTCTG

GGACCTCTG

GGACCTCTG

GGACCTCTG

GGACCTCTG

sau96I

avaI

asuI

nlaIV

scrFI

mvaI

draIII

mwOI

bspl286

bsmFI

bstAPI

bmyI

ecoRII

hgiAI/aspHI

dsav

bspl286

nlaIV

bstNI

bsiHKA1

hgiCI

bssKI

bmyI

banI

bsaAI

apaLI/snoI

apvI

alv4II/snoI

bsyII

alul

nlaIV

acil

3

101

ACTGAGGGA

CTGGGCHG

GACTGGCCT

CATCCACCAT

TACTGCTCT

GTGAGGGS

CCTGGGACC

AGCTTTTC

GAACCCAC

458

TAATCTCCT

GAACCTGAC

CTGACCGGA

GTAGGTGTA

TTGTGGTGG

AGACAGACA

CTGTGGCAC

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GGACCTCTG

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sau96I

avaI

asuI

nlaIV

scrFI

mvaI

draIII

mwOI

bspl286

bsmFI

bstAPI

bmyI

ecoRII

hgiAI/aspHI

dsav

bspl286

nlaIV

bstNI

bsiHKA1

hgiCI

bssKI

bmyI

banI

bsaAI

apaLI/snoI

apvI

alv4II/snoI

bsyII

alul

nlaIV

acil

3

101

ACTGAGGGA

CTGGGCHG

GACTGGCCT

CATCCACCAT

TACTGCTCT

GTGAGGGS

CCTGGGACC

AGCTTTTC

GAACCCAC

458

TAATCTCCT

GAACCTGAC

CTGACCGGA

GTAGGTGTA

TTGTGGTGG

AGACAGACA

CTGTGGCAC

GGACCTCTG

GGACCTCTG

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sau96I

avaI

asuI

nlaIV

scrFI

mvaI

draIII

mwOI

bspl286

bsmFI

bstAPI

bmyI

ecoRII

hgiAI/aspHI

dsav

bspl286

nlaIV

bstNI

bsiHKA1

hgiCI

bssKI

bmyI

banI

bsaAI

apaLI/snoI

apvI

alv4II/snoI

bsyII

alul

nlaIV

acil

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101

ACTGAGGGA

CTGGGCHG

GACTGGCCT

CATCCACCAT

TACTGCTCT

GTGAGGGS

CCTGGGACC

AGCTTTTC

GAACCCAC

458

TAATCTCCT

GAACCTGAC

CTGACCGGA

GTAGGTGTA

TTGTGGTGG

AGACAGACA

CTGTGGCAC

GGACCTCTG

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GGACCTCTG

sau96I

avaI

asuI

nlaIV

scrFI

mvaI

draIII

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301 GGCACCAACCA GTGTGTCAC TCCCTTCGGG CAGAGGATG GFGAGGAAAT GCGAGTACT CGAGGGGCTC CCAGGGAGT ATGGAATGC
 CGGGTGGGT CACACAGTTG ACGTCGGTCA AGGAAGCCCG GCTCTCAG CACTCTCTTA CGCTCTAGA CGTCCCGAG CGTCCCTCA TACACTTACG
 525 P T Q C V N C S Q F L R G Q E C V E C R V L Q G L P R E Y V N A

 401 CAGGCACTT TGGCGTCGG ACCCTGATG TCAGCCCGAG AATGCTCAG TGACTCTGTT TGGACCGAG CTTGACCAT GTGTGGCTG TGCCACTAT
 GTCCGTGACA AACGGCAGG TGGGACTCAG AGTCGGGCTC TTACGATC ACTGACAAA ACGTGGCTC CGACTGGTCA CACACCGAC ACGGTGATA
 558 R H C L P C H P E C Q P Q N G S V T C F G P E A D Q C V A C A H Y

 591 K D P P F C V A R C P S G V K P D L S Y M P I W K F P D E G A C Q

FIG. 7L

scfI
 mveI
 ecorII
 dsav
 bstNI
 bssKI
 apyI
 sau96I
 avaiI foki
 asuI bstF5I
 mslI
 3601 AGCCTTGCC CATCACTGC ACCCACTCT GTGTGACCT GGATGACAG GGTGCCCC CGAGACAGAG AGCAGACCT CTGACGTCCA TGCTCTGCG
 TOGGAACGG GTAGTTGACG TGGGTGAGGA CACACTGGA CCTACTGTC CCAGCGGGC GCGTGTCTC TGCTGCGGA GACTGAGT AGCAGAGACG
 625 P C P I N C T H S C V D L D D K G C P A E Q R A S P L T S I V S A
 tseI
 fnu4H/bsoFI
 bbvI acII
 cac8I mmlI
 aatII bsmBI acII
 ahalI/bsaHI
 tail
 maeII
 hinII/acyI bsmAI
 esp3I
 mspl
 mroI
 bspMI
 bspEI
 bsaWI
 sau3AI
 mboI/ndeII
 dprII
 bsaBI
 alwI
 nlaIV
 bstVI/xhoII
 bamHI
 alwI
 mwOI
 fnu4H/bsoFI hpaII tsaI
 bbvI mboI accII csp6I sfaNI bsmAI bbvI
 tseI
 bstVI/xhoII
 fnu4H/bsoFI hpaII tsaI
 mwOI
 accII csp6I sfaNI bsmAI bbvI
 3701 GGTGGTGGC ATTCTGTGG TGCTGTCTT GGGGTGGTC TTGGGATCC TCATCAAGC AGCGACAG AGATCGGA AGTACAGT GCGGACTG
 CCACCAAGC TAAGACAGC AGCAGAGAA CCCCCAGC AACCCTAGS AGTAGTGG TGCGTGGTC TTCTAGGCT TCAATGCTA CGCTCTGAC
 658 V V G I L L V V L G V V F G I L I K R R Q Q K I R K Y T M R R L

FIG. 7M

691 L Q E T E L V E P L T P S G A M P N Q A Q M R I L K E T E L R K V R
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FIG. 7N

[illegible]

[illegible]

FIG. 7P

[illegible]

FIG. 7R

[illegible]

FIG. 7S

[illegible]


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701 AGGACCTAGA GGAAGGCATC CAAACGCTGA TGGGAGGCT GGAAGTGGC AGCCCCCGGA CTGGCGGAT CTTCAGCAG ACCTACAGCA AGTTGACAC
TCCTGGAICT CCTTCGGTAG GTTTCGACT ACCCTCCGA CCTCTACG TCGGGGCT GACCGCTCA GAGTTGCTC TGGATGCTCT TCAAGCTGTG

^end of ex 4/ start ex 5

801 AAATCATCAC AACGATGAG CACTACTCAA GAATCAGGG CTGCTCTACT GCTTCAGGAA GGACATGGAC AAGTTCGAGA CATTCCTGGC CATCCTGCAG
TTTGAGTGTG TTGCTACTGC GTGATGAGTT CTTGATGCC GACGAGATGA CGAGTCCTT CCGTACTCT TTCACTCT GTAAGGACGC GTAGCACTC

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FIG. 7V

[illegible]

FIG. 7W

[illegible]

[illegible]

FIG. 72

701 tru9I nlaIV
 tsp509I hgiCI
 tru9I mnlI
 msei tspRI bani ddel
 ahalII/draI msei tspRI bani ddel
 701 CTTTAAATTT AAAAATGAAG TTTTAAATCA ATCTAAAGTA TATAATGAGTA AACTTGGTCT GACATGTACC AATCGTTAAT CAGTAGGAGA CCFATCTCAG
 GAAATTTTAA TTTTACTTC AAAATTTTGT TAAATTTTGT ATATATCTCAT TTGAACAGGA CTGTCAATGG TTGAAGAATTA GTACTCTGCT GGATAGAGTC
 bsrI tseI
 sau3AI fnu4HI/bsaFI
 mboI/ndeI nlaIV bbvI
 dpolII haeIII/palI
 foki bsrFI asuI tspRI bsrDI
 dpolI ahdI/eamII05I mnlI
 801 CGATCTGCTC ATTCTGTTCA TCGATCTTG CCGTACTGCC CGTCTGCTAG ATAACTACGA TACGGGAGGG CTTACCATCT GGCCCGAGTG CTGCAATGAT
 CTAGACACGA TAAACCAAGT AGGTATCAAC GCACTGAGGG GCAGACAAATC TATTGTGCT ATGCCCTGCC GAACTGTAGA CGGGGTAC GACCTTACTA
 bsmAI foki
 bsaI
 thal
 fnuDII/mvnl mspI bpaI/gsuI mspI haeIII/palI sau96I foki
 bstUI hpaII mwol hinpI meelI hinpI hnpI avall mnlI
 bst1236I cfr10I/bsrFI cac8I hpaII asuI hhaI/cfoI asuI acII bstFI
 acII hphI nlaIV 801 ACCGGGAGAC CCACCTCTAC CCAGCTCCAGA TTTATCAGCA ATAAACACAG CACCGGAGGG GCGCGAGGCG AGAAGTGSTC CTGCACMTT ATCCGCTCC
 TGGCGCTCTG GGTGGGAGTG GCGGAGGTCT AAATAGTGT TATTGTGCT CGGCGCTTC CGGCTGGCG TCTTCCAGAG GACGTTGAAA TAGGCGGAGG
 scrFI
 nciI
 mspI talI
 hpaII pspI406I
 tsp509I dsav hpaII tseI mslI
 tru9I caulI maeI hhaI/cfoI fnu4HI/bsaFI
 msei bskI bfiI bsrDI cac8I
 bsrI asel/aenI/vspI aluI mwol bbvI sfiNI
 001 ATCCGAGTCA TTTATGTTTG CGGGAGGT AGAGTAAGTA GTTCGCCAGT TAAATGATTG CGCAACTTG TTGCCATGTC TCGTGGCATC GTGGTGTAC
 TAGGTGAGT AATTAACAC GGCCTTCSA TCTCATCAT CAAGCGGTCA ATTATCAAC GGTGTGCAC AACGTTACG AGACCGGTG CACACAGTG

FIG. 7CC

101 GTCGCTGTT TGTATGGCT TCATTACGT CGGTTTCCCA ACATCAAGG CGAGTTACAT CATGCCCAT GTATGCCAAA AAAGCGGTTA GCTCCTTCGG
 CGAGCAGCAA ACCATACCA AGTAAGTCA GGCACAGGT TGTAGTCC GTCATATGTA CTAGGGGTA CTAGCGTTT TTTCGCAT TTTCGCAT CGAGGAGCC

101 TCCCTCGATC GTTGTACGAA GTAAGTTGGC GCGAGTGTTA TCCTCATGG TTATGCGAC ACTGCTATAT TCTCTTACTG TCATGCCATC CGTATGATGC
 AAGAGGCTAG CACAGTCTT CATTCACCG GCGTCACAT ATGAGTATCC ATATCGCTG TGACGTATTA AGAGATGAC ATGAGCTAG GATTCATCG

301 TTTTCTGTGA CTGCTGATTA CTCACCAAG TCATCTCGAG ATATGTTGAT GCGCGGACG AGTTGCTCTT GCGCGGCTC ATCAGGCGAT AATACCGCG
 AAAAGACACT GACCACTCAT GAGTTGCTC AGTATGATC TTATCATATA CCGCGCTGSC TCACAGAGAA CCGCGCGCAG TAGTGCCCTA TTATGGCGCG

401 CACATAGCAG AACITTTAAA GTGCTCATCA TTGGAACAC TTCTTCGGGG CGAAGATCTT CAGGATCTT ACCCTGTG AGATTCGCTT GATATACCC
 GTGTATGTC TTGAATTTT CACGAGTAG AACCTTTTC AAGAGACCC GCTTTTGA GTTCTAGAA TGGGACAC TCTAGTCAA GCTACATG

FIG. 7DD

hglAI/aspHI
 bspI286
 bsiHKEAI
 bmyI
 apaLI/snoI
 alwI/shoI
 bbsI
 501 CACTGTGCA CCGATTGACTA GAAGTCGTAG NAATGAAAG TGGTGCMAA GACCACCTG TTTTGTCT TCGTTTAC GCGTTTT CCGTTATCC
 GTGAGACGT
 hglAI/aspHI
 bspI286
 bsiHKEAI
 bmyI
 apaLI/snoI
 alwI/shoI
 bbsI
 601 GCACACGGA AATGTTGAAT ACTCATACTC TTCTCTTTTC ATATATTATG AAGCAATTAT CAGGCTATT GTCTATGAG CGGATACATA TTTGAATGA
 CCGTGTGCT TTACACTTA TGAGTATGAG AAGGAAAAAG TTATATTATC TTCTGATAA GTCCCAATA CASAGTACTC GCTATGAT AACTTACAT
 hglAI/aspHI
 bspI286
 bsiHKEAI
 bmyI
 apaLI/snoI
 alwI/shoI
 bbsI
 701 TTAGAAAA TACACATA GGGTTCGC GNCATTCC CGGAAAGT CGACCTGAG CTACAGAAC CATTTATC ATGACATTA CCTATAAA
 AATCTTT ATTGTTTAT CCCCAAGGC CGTGAAGG GCTTTTAC GTGTGCTG AGATTCTTG GTATTAATAG TACTGTATT TACTATTT
 hglAI/aspHI
 bspI286
 bsiHKEAI
 bmyI
 apaLI/snoI
 alwI/shoI
 bbsI
 801 TAGGCGTAC ACGAGGCTT TTCCTTCA AGAATATCTG CTGCGGGCT TCGGTGATC CAGTGAAC CTCTGACATA TCGAGCTCC GAGACGTC
 ATCCGATG TGTCCGGA AAGCAGAT TCTATGAG GAGCGCGG AAGCACTAT GCACTTTG GAGACTGT ACGTGAAG CTTCTGCC

FIG. 7EE

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scrFI
ncII
mspI
hpaII
dcaV
sfanI
fokI caulI
bstFI
aluI bskII drdI
901 ACAGCTTGTC TGTAAAGCGA TGCCGGGAGC AGACAGGCCG GTACAGGGCG GTTCGGGGGT GTTCGGGGGT AGCCATGACC CAGTCACGTA
TGTGCAACAG ACATTCGCT ACGCCCTCG TCTGTCGGG CAGTCCCGCG CAGTCGCCCA CACGCCCA CAGCCCGCG TCGTACTGG GTACGTGCAI

mmOI
hinPI
hhaI/cfoI
nlaIV
nari
kesI
hinII/acyI
hgiCI
haeII
sfanI eheI
mmOI bari
aciI ahaI/bsaII
101 TACCGATCA GCGGCATTC GCCATTTCAG CTCAGCAACT GTTGGGAAGG GCGATCGGTS CGGGCTTCTT CGCTATTACG CCAGCTGGCG AAGGGGGGT
ATGCGCTACT CCGCGTAA GCGTAAATCC GATGGTTCG CAACTCTCC CAACCTTCC CCGTAGCCAC GCGCGGAGAA GCGATAATGC GGTCCAGCCG TTCCCCCTTA

mmOI
bstAPI
hgiAI/asphI
bspI286
bsiHKAII
sfanI
tru9I fnu4HI/bsaFI
aciI msei
001 GCGATACCG AGTTGGCTTA ACTATGCGC ATCAGACGAG ATTGACTGA GAGTGCACCA TATGGCGTGT GAATACCG ACAGATCGT AAGGAGAAA
CGCTATCGC TCACCGAAT TCAATAGCGG TAGTCTGTC TACATGACT CTCACGTGCT ATACGCCCA CTTTATGGCG TGTCTACGCA TTCTCTTTT

mmOI
bstAPI
hgiAI/asphI
bspI286
bsiHKAII
sfanI
ddel bmyI ndel
rsal apalI/snoI
csp6I alw4I/snoI aciI
001 GCGATACCG AGTTGGCTTA ACTATGCGC ATCAGACGAG ATTGACTGA GAGTGCACCA TATGGCGTGT GAATACCG ACAGATCGT AAGGAGAAA
CGCTATCGC TCACCGAAT TCAATAGCGG TAGTCTGTC TACATGACT CTCACGTGCT ATACGCCCA CTTTATGGCG TGTCTACGCA TTCTCTTTT

mmOI
mboI/ndeII
dpoII
qnotI haeIII/palI
pvuI/bspCI sau96I
mcrI asuI mboII
bsiEI cac8I earI/ksp62I
mmOI aciI mmlI
101 TACCGATCA GCGGCATTC GCCATTTCAG CTCAGCAACT GTTGGGAAGG GCGATCGGTS CGGGCTTCTT CGCTATTACG CCAGCTGGCG AAGGGGGGT
ATGCGCTACT CCGCGTAA GCGTAAATCC GATGGTTCG CAACTCTCC CAACCTTCC CCGTAGCCAC GCGCGGAGAA GCGATAATGC GGTCCAGCCG TTCCCCCTTA

```

FIG. 7FF

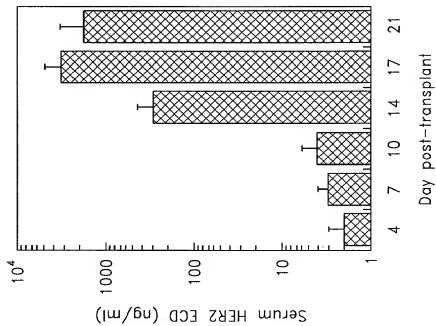


FIG. 8A

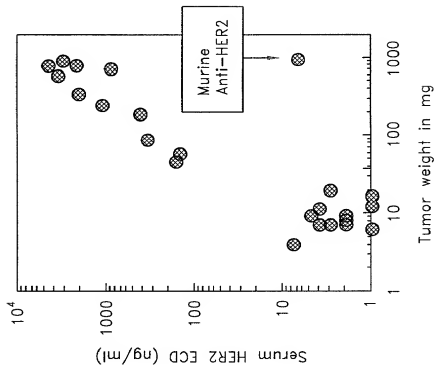


FIG. 8B

2 Cycles HERCEPTIN®-Maytansinoid
mm TV-Her2 Founder #5
Mammary Tumor Transplants in FVB

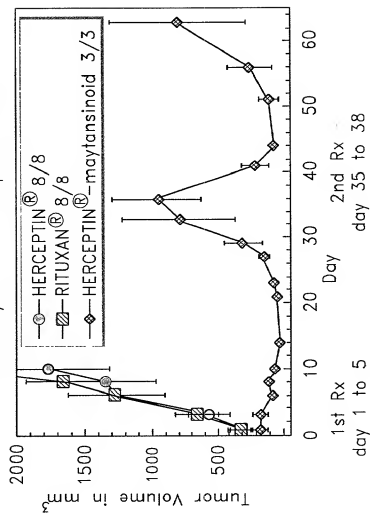


FIG. 9

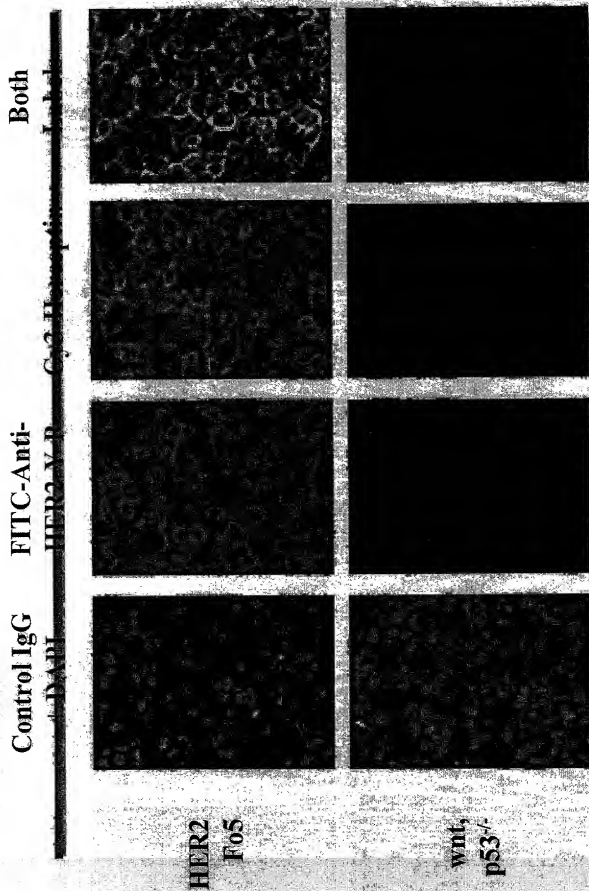


FIG. 10

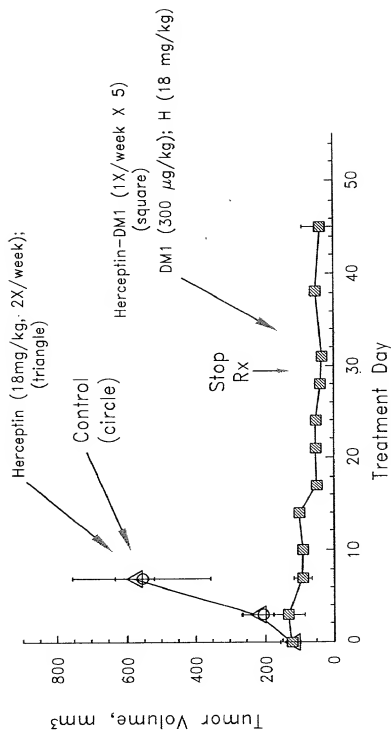


FIG. 11

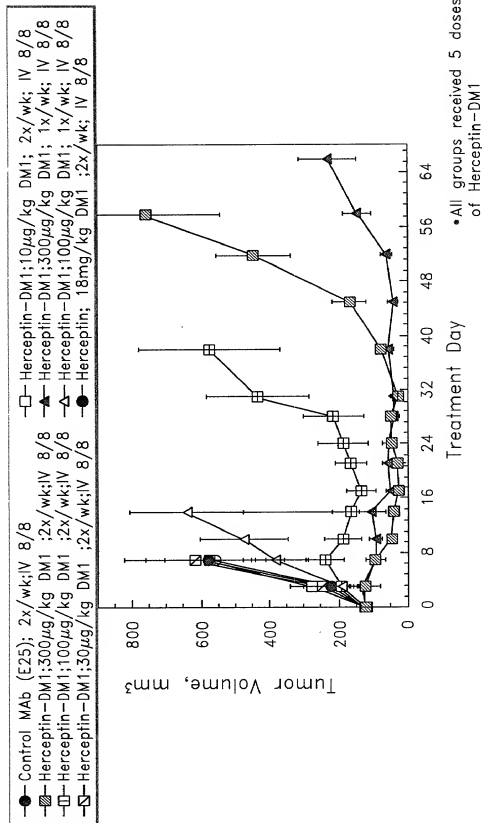


FIG. 12

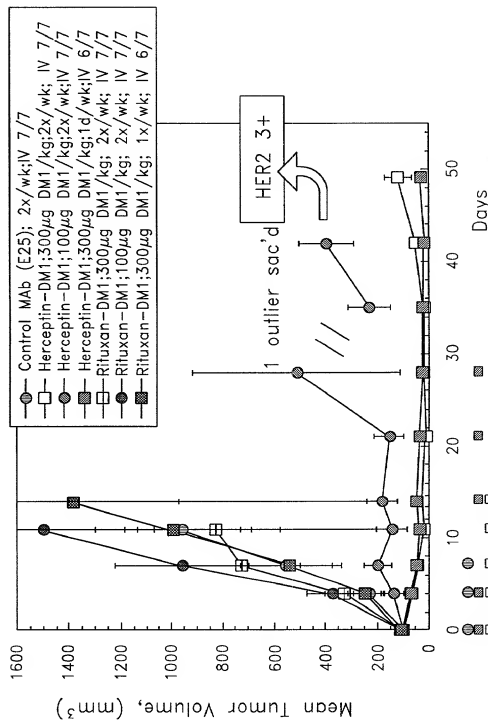


FIG. 13

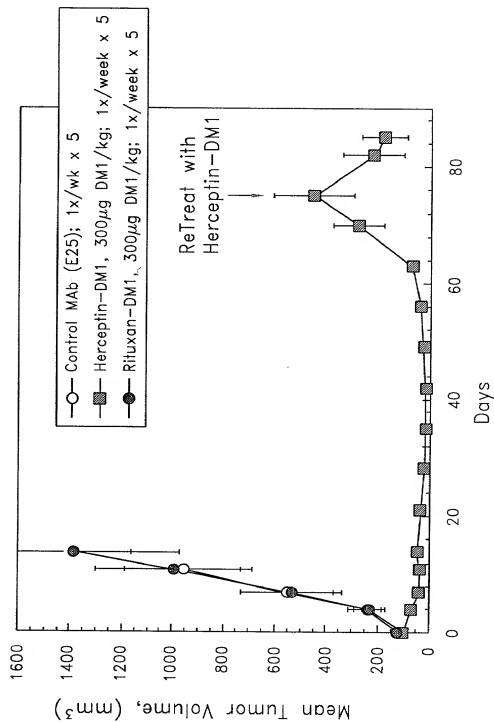


FIG. 14